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| **coppersulphate** | **Chemistry** | **شعار-القسم** |
| **Making salts** |
| Worksheet-6- |

|  |  |
| --- | --- |
| Name: Class: 8 /……........ | |
| Book pages: | |
|  | Date:29 -4-2012 |
| 8.14.3 | Core Standard number |
| **1**.name a number of common salts.  **2**.State the uses of some common salts. | Learning Objectives  Logo + text 2 |

1. Complete the following tables:

|  |  |  |  |
| --- | --- | --- | --- |
| Name of the metal oxide | Name of salt formed with these acids | | |
| Hydrochloric acid | Nitric acid | Sulphuric acid |
| Copper(II) oxide | …………………. | Copper nitrate | …………………. |
| Magnesium oxide | …………………. | …………………. | …………………. |
| Calcium hydroxide | Calcium chloride | …………………. | …………………. |

|  |  |  |  |
| --- | --- | --- | --- |
| Name of metal | Name of salt formed with these acids | | |
| Hydrochloric acid | Nitric acid | Sulfuric acid |
| Iron | Iron chloride | …………………. | Iron sulfate |
| Zinc | Zinc chloride | Zinc nitrate | …………………. |
| Magnesium | …………………. | …………………. | Magnesium sulfate |

|  |  |  |  |
| --- | --- | --- | --- |
| Name of metal carbonate | Name of salt formed with these acids | | |
| Hydrochloric acid | Nitric acid | Sulfuric acid |
| Calcium carbonate | …………………. | Calcium nitrate | …………………. |
| Zinc carbonate | …………………. | …………………. | Zinc sulfate |
| Iron carbonate | Iron chloride | …………………. | …………………. |

|  |  |  |
| --- | --- | --- |
| Name of acid | Name of salt formed with these alkalis | |
| Sodium hydroxide | Potassium hydroxide |
| Hydrochloric acid | Sodium chloride | …………………. |
| Nitric acid | …………………. | Potassium nitrate |
| Sulfuric acid | Sodium sulfate | …………………. |

**4- Uses and properties of some saltsof salts?**

|  |  |
| --- | --- |
| **Salt** | **Uses** |
| **Calcium chloride** | **Calcium chloride used as a preservative in packed foods** |
| **Sodium chloride** | **for seasoning and preserving food.** |
| **Potassium nitrate** | **in fertilizer** |
| **Sodium nitrate** | **fertilizer; source of nitric acid** |